

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2 Serial No. 10/764,345
Filing Date 1/23/2004
3 Confirmation No. 5777
Inventorship Tie Liu
4 Applicant Microsoft Corporation
Group Art Unit
5 Examiner
6 Attorney's Docket No. MS1-1811US
Title: Watermarking via Quantization of Rational Statistics of Regions

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

REMARKS

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

By: Kasey C. Christie
Reg. No. 40559

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 12

Complete If Known

Application Number	10/764,345
Filing Date	1/23/2004
First Named Inventor	Tie Liu
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1811US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US- 20020126872		9/12/2002	Brunk, Hugh L.; et al.	
	US- 20030056101		3/20/2003	Epstein, Michael	
	US- 5802518		9/1/1998	Karaev et al.	
	US- 6,477,276		11/5/2002	Inoue, et al.	
	US- 6,546,114		4/8/2003	Venkatesan, et al.	
	US- 6,574,348		6/3/2003	Venkatesan, et al.	
	US- 6,671,407		12/30/2003	Venkatesan, et al.	
	US- 6522767		2/18/2003	Moskowitz et al.	
	US- 6532541		3/11/2003	Chang, et al.	
	US- 6625295		9/23/2003	Wolfgang, et al.	
	US- 6647128		11/11/2003	Rhoads	
	US- 6674861		1/6/2004	Xu, et al.	
	US- 6701014		3/2/2004	Syeda-Mahmood	
	US- 6768809		7/27/2004	Rhoads, et al.	
	US- 6799158		9/28/2004	Fischer, et al.	
	US- 6839673		1/4/2005	Choi, et al.	
US-					
US-					
US-					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ "Grid Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵

Examiner Signature	/Dante Ravetti/ (01/30/2010)	Date Considered	01/30/2010

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/764,345
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		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	MS1 1811US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Kesal, et al., "Iteratively Decodable Codes for Watermarking Applications" Proceedings of the Second Symposium on Turbo Codes and Their Applications France September 2000 4 pages.	
		Lin et al., "A Robust Image Authentication Method Distinguishing JPEG Compression from Malicious Manipulation", IEEE Transactions, Feb. 2001, Volume 11, No. 2, pp. 153-168	
		Schneider et al., "A Robust Content Based Digital Signature for Image Authentication", Proceedings, International Conference, Sept. 1996, Vol. 3, pp. 227-230	
		B. Chen and G. W. Wornell, "Digital watermarking and information embedding using dither modulation," Proc. IEEE Workshop on Multimedia Signal Processing, Redondo Beach, CA, pp. 273-278, Dec. 1998.	
		F. A. P. Petitcolas and R. J. Anderson, "Evaluation of copyright marking systems," Proceedings of IEEE Multimedia Systems'99, vol. 1, pp. 574-579, 7-11 June 1999, Florence, Italy.	
		I. J. Cox, J. Killian, T. Leighton, and T. Shamoon, "A secure robust watermark for multimedia," Information Hiding Workshop, University of Cambridge, pp. 185-206, 1995.	
		J. Dittman, M. Stabenau and R. Steinmetz, "Robust MPEG video watermarking technologies," Proceedings of ACM Multimedia '98, The 6th ACM International Multimedia Conference, Bristol, England, pp. 71-80.	
		M. D. Swanson, B. Zhu and B. Chau, "Object based transparent video watermarking," Proceedings of IEEE Signal Processing Society 1997 Workshop on Multimedia Signal Processing, June 23 - 25, Princeton, New Jersey, USA.	
		M. K. Mihcak and R. Venkatesan, "A tool for robust audio information hiding: A perceptual audio hashing algorithm," submitted to Workshop on Information Hiding, Pittsburgh, PA, 2001.	
		T. Kalker and J. Huisma, "Efficient detection of a spatial spread-spectrum watermark in MPEG video streams," Proc. IEEE ICIP, Vancouver, Canada, September 2000.	

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